(19)

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(54) METHOD FOR INTERCONNECTING DIFFERENT P2P FILE EXCHANGE NETWORKS AND P2P FILE EXCHANGE NETWORK SYSTEM
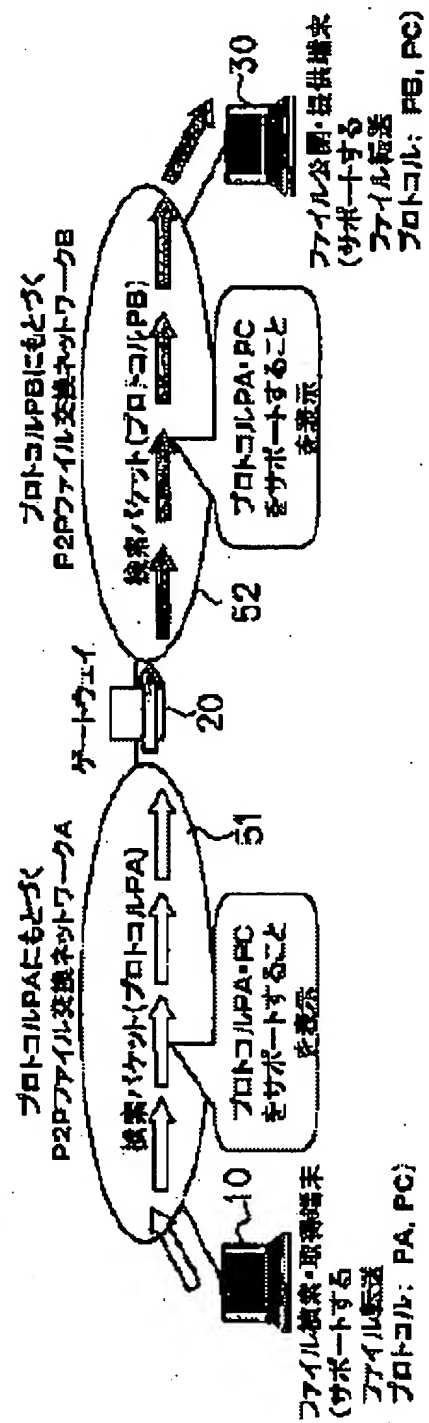
(57) Abstract:

PROBLEM TO BE SOLVED: To achieve file transfer between terminals belonging to different P2P file exchange protocols without relying on a specific P2P file exchange protocol.

SOLUTION: Different P2P file exchange networks are based on different P2P file exchange protocols, and a retrieval packet and a retrieval result packet are reciprocally circulated by a gateway device installed between them. When conducting a file transfer between a file retrieval and acquisition terminal and a file disclosure and providing terminal, file transfer protocol information which is supported by the file retrieval and acquisition terminal is superimposed on the retrieval packet, and on the retrieval result packet, file transfer protocol information which is supported by the file disclosure and providing terminal holding files matched with retrieval conditions, and the address information of the above file disclosure and providing terminal are superimposed. Therefore, the file is downloaded using a common file transfer protocol.

図 1 組正接続方式1

プロトコルPAにもとづく
P2Pファイル交換ネットワークA

プロトコルPBにもとづく
P2Pファイル交換ネットワークB

検索パケット(プロトコルPA)

検索パケット(プロトコル(PB)

プロトコルPA・PC
をサポートすること
を意先示

プロトコルPA・PC
をサポートすること
を意変示

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ゲートウェイ

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ファイル検索・取得端末
(サポートする
ファイル転送
プロトコル: PA, PC)

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ファイル公開・提供端末
(サポートする
ファイル転送
プロトコル: PB, PC)

30

1020020077759KOREAN PATENT ABSTRACTSAKR1020010017555G06F 17/60TELEZEN CO., LTD.JANG, JU UKJUNG, SONGSONG, JEONG HUIENREMOTE VIDEO COMMUNICATION SYSTEM AND METHOD2002101420010403

PURPOSE: A video communication system and method is provided to enable a trainee and a tutor to share various types of documents, to underline on the shared documents, and to exchange information by using a peer to peer transmission method and a voice and image compression algorithm.

CONSTITUTION: The method comprises steps of a tutor creating a lecture file at a tutor terminal by using a web tutor authoring tool(S70), the tutor uploading the created lecture file at a streaming server or a storage space which the streaming server can access by using an FTP(File Transfer Protocol)(S71), an operator processing the lecture file by using an HTML and web script technique(S72), the operator publicizing a registration of a new lecture file and then a trainee, namely a client, clicking on the new registered lecture for notifying a web server of an attendance of the new lecture(S73), the web server receiving the lecture attendance request and then transmitting information on the requested lecture, stored at the streaming server, to the trainee(S74), the trainee accessing the streaming server and requesting a streaming service of the lecture file(S75), the streaming server performing a streaming service on the requested lecture file(S76), and the streaming server transmitting a lecture stop message to the web server if the streaming of the lecture is completed(S78).

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Date of request for an examination (20010403)

Notification date of refusal decision (20040126)

Final disposal of an application (rejection)

Date of final disposal of an application (20040126)

1 . REMOTE VIDEO COMMUNICATION SYSTEM AND METHOD

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